BIOGRAPHICAL SKETCH

NAME: Gerald M. Rosen

TITLE: Assistant Professor of Pharmacology

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BIRTH:

EDUCATION: Lowell Technological Institute, B.S., 1965 Clarkson College of Technology, Ph.D., 1969

HONORS:

N.I.H. Research Assistantship, 1965-1966.

Teaching Assistantship, 1966-1969.

Schering Fellow, 1967-1969.

New York State Incentive Scholar, 1965-1969.

Hoffman-LaRoche Postdoctoral Fellow with Professor

S. Ehrenpreis, 1969-1970.

N.I.H. Postdoctoral Fellow with Professor S. Ehrenpreis,

1970-1971.

University Fellow, University of Zurich, Switzerland,

with Professor P. G. Waser, 1971-1972.

N.I.H. Special Fellow to Duke University, 1973-1975.

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RESEARCH INTERESTS: Neuropharmacology and Molecular Pharmacology.

PROFESSIONAL EXPERIENCE:

Teaching Assistant, Chemistry Department, Clarkson College of Technology, 1966-69.

Instructor, Department of Ophthalmology, New York Medical
College, 1969-70.

Lecturer, Department of Biochemistry, New York Medical College, 1970-71.

Research Associate, The Institute for Medical Research and Studies, 1970-71.

Assistant (equivalent to Assistant Professor), Institute of Pharmacology, University of Zurich, 1971-72.

Assistant Professor, Department of Physiology and Pharmacology, Duke University Medical Center, 1972-

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··· PUBLICATIONS

- F.D. Popp, J.M. Wefer, G. Rosen, A.C. Noble: Investigation of Philippine Plants for Alkaloids, Antimalarial Agents and Antineoplastic Agents, J. Pharm. Sci. 56, 1195 (1967).
- F.D. Popp, J.M. Wefer, D.P. Chakraborty, G. Rosen, and A.C. Casey: Investigation of African Plants for Alkaloids, Antimalarial Agents, and Antineoplastic Agents, Planta Medica 343 (1968).
- G. Rosen and F.D. Popp: Diazepines. V. The Reaction of Homophthalic Anhydride with Hydrazine. J. Heterocyclic Chem. 6, 9 (1969).
- G. Rosen and F.D. Popp: Reaction of 6,7-Dimethoxy-3-isochromanone with Hydrazine. Can. J. Chem. 47, 864 (1969).
- G. M. Rosen, F.D. Popp and F.Q. Gemmill, Jr.: 2-Benzyl-1,3,4-oxadiazolin-5-one and Related Compounds. J. Heterocyclic Chem. 8, 659 (1971).
- G.M. Rosen, S. Ehrenpreis, T.W. Mittag and J.F. Stubbins: Physical and Pharmacological Properties of an Irreversible Local Anesthetic. J. Med. Chem. 14, 514 (1971).
- G.M. Rosen and S. Ehrenpreis: NMR and Pharmacological Properties of a Series of Beta-haloethylamine Local Anesthetics. Fed. Proc. 30, 629 (1971).
- S. Ehrenpreis and G.M. Rosen: The Irreversible Neuromuscular Blocking Action of Beta-haloethylamine Local Anesthetics: Site of Action, Temperature Dependence and Effect of Calcium. The Pharmacologist, 12, 265 (1971).
- G.M. Rosen and S. Ehrenpreis: Physical and Pharmacological Properties of a Series of Ultra-Long Acting Local Anesthetics and Neuromuscular Blocking Agents. Trans. N.Y. Acad. Sci. 34, 255 (1972).
- G.M. Rosen, S. Ehrenpreis and A. Karoutsou: Neuromuscular Blocking Activity of a Series of Beta-haloethylamines. Arch. Int. Pharmacodyn. 203, 215 (1973).
- G.M. Rosen and S. Ehrenpreis: Neuromuscular Blocking Action of an Alkylating Local Anesthetic: Site of Action and Effects of Temperature and Calcium (in press).
- P.G. Waser, A. Hoffmann, M. Schaub, W. Hopff, G. Rosen, and A. Chang: Affinity Labelling of Cholinergic Receptors with Curarazing and Depolarizing Drugs. Int. Congress Pharm. 5, 113 (1972).